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EAST KENT (No. 1)  
UNITED DISTRICT

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Annual Report  
OF THE  
Medical Officer of Health  
FOR THE YEAR  
1939

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EAST KENT (No. 1) UNITED DISTRICT.

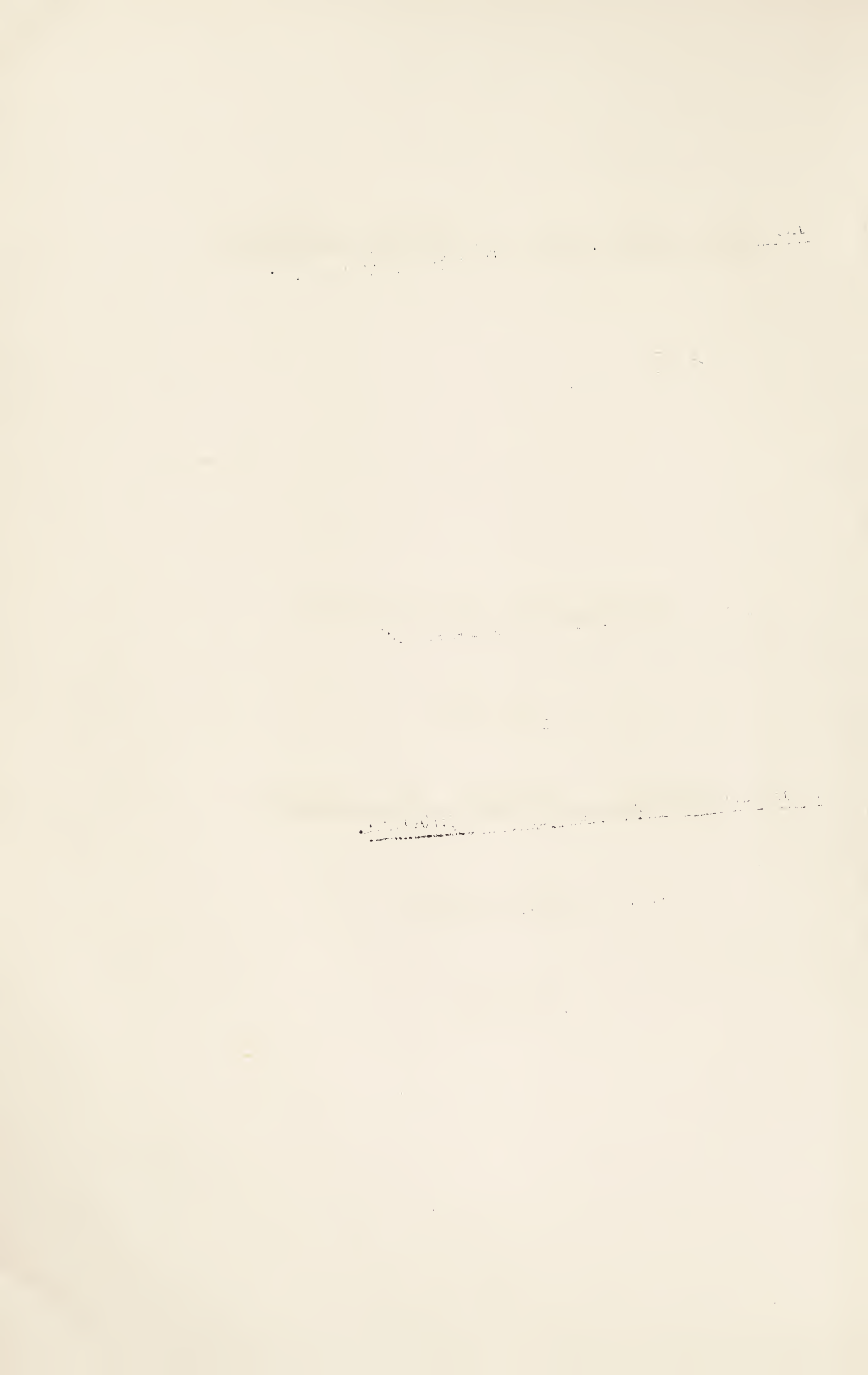
A N N U A L R E P O R T.

of the

MEDICAL OFFICER OF HEALTH.

for the Year

1 9 3 9.





Pierremont Hall,  
Broadstairs.

October, 1940.

To the Chairman and Members of the Joint Committee  
of the East Kent (No. 1) United District.

Gentlemen,

I have the honour to present to you for your consideration the Annual Report for the year 1939, on the health and sanitary condition of the United District, which I have compiled in accordance with Circular 1961 of the Ministry of Health dated the 16th February, 1940.

The Report has been much curtailed in accordance with Circular 2067 issued by the Ministry of Health on the 19th July, 1940, and also owing to the fact that the Public Health staff have been engaged on A.R.P. work for a certain proportion of their time.

I should like to take this opportunity of expressing my appreciation of the help I have received from the Sanitary Inspectors in the performance of my duties.

I am, Gentlemen,  
Your obedient Servant,

C. DUNSCOMBE.

Medical Officer of Health.



EAST KENT (No. 1) UNITED DISTRICT.

J O I N T C O M M I T T E E.

Herne Bay Urban District Council:

Councillor C. S. Jones.

Councillor E. R. Metcalf.

Broadstairs and St. Peter's Urban District Council:

Councillor B. J. Pearson, J.P., C.C. (Chairman).

Councillor H. Noble.

Councillor S. W. Fright.

Bridge-Blean Rural District Council:

Councillor T. Hills.

Councillor Mrs. A. B. Hilton.

\*\*\*\*\*

Clerk: E. F. Owen,  
Council Offices,  
Pierremont Hall,  
Broadstairs.



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S T A F F.MEDICAL OFFICER OF HEALTH:

A. M. WATTS, M.D., B.S., M.R.C.S., L.R.C.P., D.P.H.  
(Until 30th September 1939)

C. DUNSCOMBE, M.A., M.B., B.Ch., D.P.H.  
(From 1st October 1939)

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Herne Bay and Whitstable  
Joint Isolation Hospital:

Medical Officer ... James Rowland Hamerton, M.B.,  
B.S.Lond., M.R.C.S., L.R.C.P.

Ear, Nose and Throat Thos. A. Clarke, M.D.,  
Specialist: ... F.R.C.S.Ed., M.R.C.S., L.R.C.P.,  
D.L.O.

Sanitary Inspectors:

Herne Bay Urban District:

C. J. Clark, Senior Sanitary Inspector, Council Offices, Herne Bay, holds the Certificate of the Royal Sanitary Institute and Sanitary Inspectors Examination Joint Board; and the Meat Inspector's Certificate. He is the Casualty Commandant for A.R.P. and Inspector under the Shops Acts.

H. C. Boswell, Assistant Sanitary Inspector, and a Lady Clerk.

Broadstairs and St. Peter's Urban District:

F. S. Burrow, Pierremont Hall, Broadstairs, holds the Certificate of the Royal Sanitary Institute and the Meat Inspector's Certificate. He is A.R.P. Mortuary Superintendent and Decontamination Inspector of Food and Clothing; he is also Inspector under the Shops Acts.

The Sanitary Inspector has the assistance of a clerk.







Bridge-Blean Rural District:

H. K. Blundell, Senior Sanitary Inspector, Council Offices, Old Dover Road, Canterbury, holds the Certificates of the Royal Sanitary Institute; the Royal Sanitary Institute Special Certificate and the Meat Inspector's Certificate. He superintends the scavenging and sewerage of the district.

R. J. Connolly, Additional Sanitary Inspector, and a junior clerk.

Clerk to the Medical Officer of Health:

Miss H. Y. Phillips, F.C.T.S.Inc., M.I.P.S.

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## SECTION A.

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area: The United District, which is situated at the north-east corner of East Kent, consists of the following Districts:-

		Acres.	
Herne Bay Urban District ...	8,566	)	Including
Broadstairs and St. Peter's		)	Inland
Urban District...	2,771	)	Water.
Bridge-Blean Rural District.	55,868	)	
Total area ...	...	67,205	

### Registrar-General's estimate of -

(a) Resident population, mid-1939 -

Herne Bay Urban District ...	16,250
Broadstairs and St. Peter's Urban District ...	13,130
Bridge-Blean Rural District.	15,950
<hr/>	
Total Population ...	45,330

(b) Average population appropriate to the calculation of Death Rates -

Herne Bay Urban District ...	16,250
Broadstairs and St. Peter's Urban District ...	12,880
Bridge-Blean Rural District.	16,910
<hr/>	
Total ...	46,040

### Social Conditions, etc.

A large percentage of the inhabitants of the two Urban Districts may be described as private residents. There were many private Boarding Schools and Convalescent Homes in these two Districts, but owing to the military situation of the towns the Schools and Homes were evacuated during the last quarter of the year to other areas. Many of the inhabitants were employed in





hotels, boarding houses and lodging houses; or engaged in occupations connected with the stay in these Districts of the numerous visitors; and some were engaged in fishing and work connected with the sea.

In the Rural District many of the inhabitants engage in agricultural pursuits; there is also the Chislet Colliery situated in the Parish of Westbere, where some 1,350 men are employed; some of these men live in the neighbouring towns of Canterbury and Ramsgate, and others in the adjoining villages, but about 400 have their homes in the colliery village of Hersden. There is also a Paper Mill at Chartham, where some 122 people work; and the small village of Woollage, in the vicinity of Womenswold, is inhabited entirely by miners who work at Snowdown Colliery. The Mental Hospital at Chartham accommodates 1,500 patients and about 150 members of the staff. Then there are two large concrete factories, one at Chartham and the other at Westbere, Sturry; the South Coast Concrete Co. at Chartham employ approximately 90 people, some of whom live in the village of Chartham and the others are from the surrounding districts. At the Kent Concrete Products Co., Westbere, Sturry, approximately 40 people are employed.

### VITAL STATISTICS.

#### UNITED DISTRICT.

	Total	M.	F.		<u>United District.</u>	<u>England &amp; Wales.</u>
Live Births -	548	275	273	Birth Rate	12.08	15.00
Legitimate	520	256	264	per 1,000		
Illegitimate	28	19	9	estimated		
				resident		
				population		
				mid-1939.		
Stillbirths -	20	12	8	Rate per	35.21	Not
				1,000		avail-
				total (live		able
				and still)		
				births.		
Deaths -	660	334	326	Death Rate	14.35	12.10
				per 1,000		
				estimated		
				average		
				population.		





United      England  
District.   & Wales.

Deaths from puerperal causes  
(Headings 29 and 30 of the  
Registrar-General's Short  
List):-

		Deaths.	Rate per		
No.29. Puerperal Sepsis.	Nil	1,000	Nil	0.74	
No.30. Other puerperal		total			
causes ...	3	(live and	5.19	2.08	
Total... ..	3	still)	5.19	2.82	
		births.			

Death Rate of Infants under one year  
of age:-

All infants per 1,000 live births ...	53	50
Legitimate infants per 1,000 legitimate live births ...	54	
Illegitimate infants per 1,000 illegitimate live births ...	1	

Deaths from Cancer (all ages) ...	92
Deaths from Measles (all ages) ...	Nil
Deaths from Whooping Cough (all ages)	Nil
Deaths from Diarrhoea (under 2 years of age.. ...)	1

INFANT MORTALITY.

Causes of Death in Children under one year of age.

Herne Bay Urban District:- 7.

Prematurity ...	4
Broncho Pneumonia ...	1
Icterus Neonatorum ...	1
Marasmus ...	1

Broadstairs and St. Peter's Urban District:- 6.

Prematurity ...	2
Congenital Heart Disease ...	1
Asphyxia ...	1
Enteritis ...	1
Marasmus ...	1



Bridge-Blean Rural District:- 17.

Prematurity	...	...	4
Convulsions	...	...	2
Spina Bifida	...	...	2
Accident	...	...	1
Broncho Pneumonia	...	...	1
Gastro Enteritis	...	...	1
Asphyxia	...	...	1
White Asphyxia..	...	...	1
Acute Bronchitis	...	...	1
Obstructive Jaundice	...	...	1
General Atelectasis of Lungs	...	...	1
Marasmus	...	...	1

SECTION B.GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.Laboratory Facilities.

There has been no important change in the Laboratory facilities; nearly all bacteriological work connected with the United District is carried out at the County Laboratory, County Hall, Maidstone, free of charge, outfits being supplied to the Medical Officer of Health and to medical practitioners in order that they may send specimens to the Laboratory for examination.

Ambulance Facilities.(a) Infectious Cases.

The Herne Bay and Whitstable Joint Isolation Hospital Committee have an arrangement with the Whitstable and District Ambulance Committee for the removal of patients to the Isolation Hospital from both Districts.

The Broadstairs and St. Peter's Urban District use the ambulance of the Isle of Thanet Joint Hospital Board: the vehicle is stationed at Haine Isolation Hospital.

The Bridge-Blean Rural District Council have an arrangement whereby they hire a motor ambulance belong-





ing to the Whitstable and District Ambulance Committee for the removal of patients either to the Herne Bay and Whitstable Joint Isolation Hospital or to the City of Canterbury Isolation Hospital.

(b) Non-Infectious Cases.

In the Herne Bay Urban District an ambulance service is provided by a Division of the St. John Ambulance Brigade, the Urban District Council making an annual grant towards the fund. As regards co-ordination, there are no joint working arrangements in existence, but if the assistance of another ambulance is required, this is obtained from St. John Ambulance Brigade at Canterbury or Whitstable.

An ambulance service is provided in the Broadstairs and St. Peter's Urban District by the British Red Cross Society; and as regards co-ordination, there is a working arrangement whereby if the Broadstairs ambulances are out, the ambulance of either Ramsgate Borough or the Margate Borough is available and vice versa.

In the Bridge-Blean Rural District the ambulance of the Kent and Canterbury Hospital is used for non-infectious cases; there is also an ambulance at the Chislet Colliery for the use of the workmen there; and the motor ambulances of the St. John Ambulance Brigade, Herne Bay Division, are available. As regards co-ordination, there is an arrangement whereby the motor ambulance belonging to the Canterbury Centre of the St. John Ambulance Association is available for the use of all the villages surrounding Canterbury, or further afield if necessary.

Nursing in the Home.

Herne Bay Urban District.

The District Nursing Association, which is affiliated to the Kent County Nursing Association, provides a District (Queen's) Nurse.

Broadstairs and St. Peter's Urban District.

The Broadstairs and St. Peter's Nursing Association, which is affiliated to the Kent County Nursing Association, provides a District (Queen's) Nurse.

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### Bridge-Blean Rural District.

Adisham, Nonington, Chillenden, Goodnestone and Knowlton.- A District Nurse works in these Parishes under a local Association affiliated to the Kent County Nursing Association.

Barham, Denton and Womenswold.- A District Nurse works in these Parishes under a local Association.

Bridge, Patricxbourne, Bekesbourne, Bishopsbourne, Upper and Lower Hardres and Stelling.- This Association is affiliated to the Kent County Nursing Association.

Chartham and Thanington Without.- This Association is affiliated to the Kent County Nursing Association.

Chislet and Hoath.- There is a District Nurse working in these two Parishes under a local Association affiliated to the Kent County Nursing Association. She also works in the Parish of Reculver, which is situated in the Herne Bay Urban District.

Fordwich, Sturry, Westbere and Hersden.- A District Nurse works in the three former Parishes under a local Association affiliated to the County Association.

Harbledown, Blean, Hackington, Tyler Hill and St. Stephen's.- This Association is amalgamated with the Canterbury Nursing Association and affiliated with the Kent County Nursing Association.

Littlebourne, Ickham, Wickham and Stodmarsh.- There is a District (Queen's) Nurse working in these Parishes under a local Association affiliated to the Kent County Nursing Association.

Waltham, Petham, Elmstead, Crundale and Hastingsleigh.- This Association is affiliated to the Kent County Nursing Association.

### Treatment Centres and Clinics.

#### Dental Clinics.

There is a Dental Clinic in connection with the new County School Clinic, which has been erected on the site of the old Cottage Hospital at Herne Bay.





In the Broadstairs and St. Peter's Urban District a School Dental Clinic was held in 1939 at the Mothercraft Club, St. Peter's Road, Broadstairs, where there were also facilities for the treatment of nursing and expectant mothers, and infants under five years of age, attending Kent County Council Welfare Centres in the Isle of Thanet.

A School Dental Clinic is held in the Bridge-Blean Rural District when required, usually at No.11, Longport Street, Canterbury. This Clinic serves the surrounding District. There are also facilities for the dental treatment of nursing and expectant mothers, and infants under five years of age, attending the Kent County Council Welfare Centres around the Canterbury District.

### Maternity and Child Welfare Centres.

The Centre in Herne Bay is carried on by the County Council at the New Clinic.

There is one voluntary Centre at Broadstairs called the "Broadstairs and St. Peter's Mothercraft Club;" this is situated in St. Peter's Road, Broadstairs.

There are six Centres in the Bridge-Blean Rural District, carried on by the County Council at the following places:-

Barham  
Hersden  
Petham

Bridge  
Littlebourne  
Sturry.

### Ante-Natal Clinics.

An Ante-Natal Clinic is held in the Parish Room at Sturry.

### Ophthalmia Neonatorum.

The County Council have made arrangements for cases notified in the United District to be admitted to various Hospitals if hospital treatment is asked for by the doctor in attendance. Arrangements have also been made with Nursing Associations for their nurses to visit cases if required.





### Ophthalmic Clinic.

The School Oculist held an Ophthalmic Clinic from time to time at the Broadstairs and St. Peter's Mothercraft Club, St. Peter's Road, Broadstairs.

### Orthopaedic Clinics.

A Clinic was held for the Broadstairs and St. Peter's Urban District in the School Clinic of the Borough of Margate, and was attended by A. L. Moreton Esq., M.S., M.B., F.R.C.S., Medical Superintendent of the Alexandra Hospital, Swanley.

The Clinic for the Herne Bay Urban District and the Bridge-Blean Rural District is held at the Kent and Canterbury Hospital, Canterbury, the surgeon in attendance being A. B. Beresford Jones Esq., M.S., M.B..

### Cancer.

Numerous Hospitals in the County are available for the specialized treatment of cancer.

### Tuberculosis Dispensaries.

The following are available for the inhabitants of the United District:-

Address.	Day and Time of Attending.
Herne Bay: Kent County Council Clinic, Cavendish Road.	Tuesday: 11-0 a.m. to 1-0 p.m.
Margate: 41 St. Peter's Road.	Friday: 2-0 p.m. to 4-0 p.m.
Ramsgate: Kent County Council T.B. Dispensary, South Eastern Road.	Wednesday: 1-30 p.m. to 3-30 p.m.
Canterbury: 11 Longport Street.	Friday: 10-0 a.m. to 12 noon and 1-15 p.m. to 2-30 p.m.





Tuberculosis Officers and Nurses attend at the Dispensaries, and the latter also visit patients in their own homes.

### Venereal Diseases.

Arrangements have been made for the treatment of cases of Venereal Diseases by the County Council, and clinics approved by the Minister of Health, which are available for the inhabitants of the United Districts, have been provided as follows:-

Clinic		Day and Time of Attending.
Kent and Canterbury Hospital.	Women	Tuesday, 4- 0 to 5- 0 p.m.
	Men	Tuesday, 5-15 to 6-30 p.m.
Eaton House, St. Peter's Road, Margate.	Women	Saturday, 2-30 to 4- 0 p.m.
	Men	Saturday, 4- 0 to 5-30 p.m.
Royal Victoria Hospital, Dover.	Women	Monday, 8-0 p.m.
		Thursday, 4-0 p.m.
	Men	Monday, 8-0 p.m.
		Thursday, 4-0 p.m.

### Hospitals.

#### Isolation Hospitals.

In the Herne Bay Urban District cases of infectious disease are isolated and treated in the Herne Bay and Whitstable Joint Isolation Hospital, where there is accommodation for 16 patients in three separate ward blocks, allowing 144 square feet floor space per patient.

The Isolation Hospital used by the Broadstairs and St. Peter's Urban District is situated at Haine in the Ramsgate Borough and is about two miles from the centres of the towns of Margate and Broadstairs. The Hospital is managed by the Isle of Thanet Joint Hospital Board, and has accommodation for about 100 patients.

Infectious cases in the Bridge-Blean Rural District are removed either to the Herne Bay and Whitstable Joint Isolation Hospital or to the Canterbury City Isolation Hospital.





### Smallpox Hospitals.

Cases of Smallpox occurring in the Herne Bay Urban District would be removed for isolation and treatment to the Poulton Smallpox Hospital in the Borough of Dover; as would also any cases occurring in the Bridge-Blean Rural District.

Any cases occurring in the Broadstairs and St. Peter's Urban District would be accommodated in the Smallpox Hospital situated at Haine, belonging to the Isle of Thanet Joint Hospital Board.

### General Hospitals.

The United District is served by the Queen Victoria Memorial Hospital, Herne Bay, and the Kent and Canterbury Hospital, Canterbury, for cases from the Herne Bay Urban District and the Bridge-Blean Rural District; and by the Margate and District General Hospital and the Ramsgate General Hospital for cases of illness or accident occurring in the Broadstairs and St. Peter's Urban District.

### Tuberculosis Sanatoria.

There were six sanatoria and residential institutions, approved by the Minister of Health for the treatment of persons suffering from Tuberculosis, situated in the Broadstairs and St. Peter's Urban District; but owing to the military situation most of these had been evacuated by the end of the year.

### Convalescent Homes.

DISTRICT.	Convalescent Homes.		Holiday Homes.	
	No.	Accommodation for about	No.	Accommodation for about
Herne Bay U.D.	8	599	8	315
Broadstairs and St. Peter's U.D.	14	1,200	4	122

By the end of the year most of the Convalescent and Holiday Homes in the Broadstairs and St. Peter's Urban District had been evacuated.





## Ministry of Health Circulars.

The Minister of Health issued Regulations with regard to Measles and Whooping Cough, dated 23rd October, 1939, to come into operation forthwith, the Regulations to be cited as the Measles and Whooping Cough Regulations, 1939, which makes these two diseases notifiable.

Circular No.1906 was issued on the 20th November, 1939, relating to Influenza. In this circular the Minister of Health reviews the history of the disease in this country during recent years and gives advice as to measures of personal protection.

Circular No.1865 was issued by the Minister of Health on the 22nd November, 1939, enclosing a Memorandum on Typhoid Fever.

## A.R.P. - Civil Defence.

During the latter part of the year a considerable amount of the time of the Public Health staffs of the three Councils in the United District, was taken up in the organization of the A.R.P. Civil Defence Casualty Services. It was the duty of the Medical Officer of Health to supervise the forming of First Aid Parties, the staffing of First Aid Posts and Mobile Units and the issuing of the equipment.

Ambulances and cars for sitting cases had to be obtained, and drivers and attendants to man the vehicles had to be trained.

A great deal of time was spent in organizing and supervising exercises to enable the personnel of the Casualty Services in the three Districts to become efficient in their duties.



SECTION F.- PREVALENCE OF, AND CONTROL OVER,  
INFECTIOUS AND OTHER DISEASES.

Notifiable Diseases (other than Tuberculosis) during the Year 1939.			
D I S E A S E	Total Cases Notified	Cases admitted to Hospital	Total Deaths
Scarlet Fever ...	94	90	-
Diphtheria ...	8	8	-
Enteric Fever (includ- ing Paratyphoid) ..	1	1	-
Puerperal Pyrexia ...	5	1	-
Pneumonia ...	67	21	23
Erysipelas ...	12	1	-
Encephalitis Lethargica	-	-	-
Poliomyelitis ...	4	4	1
Polio-Encephalitis...	1	1	-
Cerebrospinal Meningitis	1	1	-
Ophthalmia Neonatorum	1	1	-
Dysentery ...	5	2	-
Measles ...	1	-	-
Whooping Cough ...	9	-	-
Chickenpox ...	113	-	-
T O T A L ...	322	131	24

The total deaths given are not the net deaths.

"Return" Cases - 5 Scarlet Fever.

The above table refers to civilian cases only.

Tuberculosis.

No action has been taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, nor under Section 172 of the Public Health Act, 1936, in the United District.





T U B E R C U L O S I S.

New Cases and Mortality during the Year 1939.

Age Periods	NEW CASES				D E A T H S			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0	-	-	-	-	-	-	-	-
1	-	-	3	-	1	-	1	-
5	-	1	8	5	-	-	1	-
15	3	5	2	3	4	1	1	-
25	3	8	-	2	3	2	1	1
35	6	-	-	2	4	3	-	-
45	1	1	-	-	2	1	-	-
55	1	2	-	-	-	1	-	-
65	-	-	-	-	-	-	-	-
& over	-	1	-	-	2	2	1	-
TOTAL	14	18	13	12	16	10	5	1

Included in the above totals are 5 cases (Pulmonary) and 1 case (Non-Pulmonary) which came to the knowledge of the Medical Officer of Health through the Death Returns. The ratio of non-notified tuberculosis deaths to total tuberculosis deaths is 6 to 32.

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HERNE BAY URBAN DISTRICT.SECTION A.STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (including inland water) ...	8,566 acres.
Population, 1939 (Registrar-General) -	
(a) resident population, mid-1939.	16,250
(b) average population appropriate to the calculation of death rates ...	16,250
Number of inhabited houses (end of 1939) according to Rate Books...	Not available.
Rateable Value ...	£167,682
Sum represented by ld. Rate ...	£698:13: 6d.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	Total	M.	F.		Herne Bay U.D.	England & Wales.
Live Births -	152	76	76	Birth Rate per 1,000 resident population mid-1939.	9.35	15.00
Legitimate	141	69	72			
Illegitimate	11	7	4			
Stillbirths -	4	3	1	Rate per 1,000 total (live and still) births.	25.64	Not Avail- able.
Deaths -	271	129	142	Death Rate per 1,000 estimated average population.	16.67	12.10
				Adjusted Death Rate.	12.33	





Herne      England  
Bay U.D.   & Wales.

Deaths from puerperal causes  
 (Headings 29 and 30 of the  
 Registrar-General's Short  
 List):-

<u>Deaths</u>					
No.29. Puerperal Sepsis.	Nil	Rate per	Nil		0.74
		1,000			
No.30. Other Puerperal		total			
causes      ...	2	(live and	12.65		2.08
		still)			
Total      ...	2	births.	12.65		2.82

Death Rate of Infants under one year  
 of age:-

All infants per 1,000 live births ...	44	50
Legitimate infants per 1,000		
legitimate live births      ...	41	
Illegitimate infants per 1,000		
illegitimate live births      ...	90	
Deaths from Cancer (all ages)      ...	35	
Deaths from Measles (all ages)      ...	Nil	
Deaths from Whooping Cough (all ages)	Nil	
Deaths from Diarrhoea (under 2 years		
of age)      ...      ...	Nil	



## CAUSES OF DEATH IN HERNE BAY URBAN DISTRICT DURING 1939.

A L L C A U S E S.		Males	Females
		129	142
1.	Typhoid and Paratyphoid Fevers	-	-
2.	Measles ...	-	-
3.	Scarlet Fever ...	1	-
4.	Whooping Cough ...	-	-
5.	Diphtheria ...	-	-
6.	Influenza ...	3	4
7.	Encephalitis Lethargica.	-	-
8.	Cerebrospinal Fever ...	-	1
9.	Respiratory Tuberculosis	7	4
10.	Other Tuberculosis ...	1	-
11.	Syphilis ...	-	-
12.	General Paralysis of the Insane, Tabes, etc. ...	1	-
13.	Cancer, Malignant Disease	16	19
14.	Diabetes ...	5	2
15.	Cerebral Haemorrhage ...	7	13
16.	Heart Disease ...	37	39
17.	Aneurysm ...	2	2
18.	Other Circulatory Diseases	5	14
19.	Bronchitis ...	5	2
20.	Pneumonia (all forms)...	1	6
21.	Other Respiratory Diseases	3	1
22.	Peptic Ulcer ...	5	1
23.	Diarrhoea, etc. (under 2 years)	-	-
24.	Appendicitis ...	-	1
25.	Cirrhosis of Liver ...	-	-
26.	Other Diseases of Liver, etc.	1	2
27.	Other Digestive Diseases	4	1
28.	Nephritis ...	3	1
29.	Puerperal Sepsis ...	-	-
30.	Other Puerperal Causes..	-	2
31.	Congenital Causes, etc..	5	1
32.	Senility ...	4	10
33.	Suicide ...	-	1
34.	Other Violence ...	3	4
35.	Other Defined Causes ...	9	9
36.	Ill-defined Causes ...	1	1
37.	Diarrhoea (2 years and over)	-	1
Special Causes (included in No.35 above):			
	Smallpox ...	-	-
	Poliomyelitis ...	-	-
	Polio-Encephalitis ...	-	-





SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Registration of Nursing Homes.  
(Sections 187 to 194 of the Public Health Act, 1936).

Return of the work of the Council during 1939				
	Number of Homes.	Number of patients provided for;		
		Maternity Patients	Others	Totals
Homes first registered during the year ...	1	Nil	8	8
Homes on the register at the end of the year..	5	6	21	27

Action during 1939.

Eight inspections were made by the Medical Officer of Health during the year.

No special arrangements are made for the discovery of unregistered Homes, apart from general enquiries instituted through the Health Department. No special difficulties have arisen during the year.

Mortuary.

The plans for the new mortuary have now been approved and the matter is in hand.

Meteorological Records.

The site of the station is an open space in front of the Pier, which was approved by the Air Ministry. The Surveyor is in charge and a specially appointed



Officer prepares the necessary reports, etc., and sends daily telegrams which are accepted for inclusion in the daily press bulletins. The total sunshine recorded for the year was 1737.4 hours and the rainfall 30.19 inches.

### SECTION C.

#### SANITARY CIRCUMSTANCES OF THE AREA.

##### Water.

Reports upon samples of the public water supply taken by the Sanitary Inspector during the year showed the following results:-

Total number of samples submitted for bacteriological examination ...	20
--	----

Number of samples which failed to satisfy a desirable bacterio- logical standard (probably due to contaminated draw off tap)...	1
--	---

Total number of samples submitted for chemical analysis: (all satis- factory) ...	20
---	----

A portion of the Urban District is not provided with a main water supply, and a survey of all properties in the areas concerned revealed that there were 83 houses in the district served by wells, springs and rainwater tanks. Samples taken from these sources and sent to the County Laboratory for bacteriological and chemical examination gave the following results:-

Water of 40 wells examined and 31 found to be unfit.

Water of 5 springs examined and 2 found to be unfit.

Water of 11 rainwater tanks examined and 2 found to be unfit.

One polluted well was closed and 8 houses formerly supplied with water from standpipes were provided with internal water supply.





### Drainage and Sewerage.

Ten houses previously served by cesspools were connected to the sewer and the cesspools abolished; and sixteen houses previously served by pail closets were provided with drainage systems connected to the sewer.

### Closet Accommodation.

At the end of the year the approximate number of each type of sanitary convenience in the Urban District was:-

W.C's into drainage system	...	6,721
W.C's into cesspools	...	64
Pail Closets	...	66.

### Public Cleansing.

During the year the effort to provide suitable refuse receptacles at all dwelling-houses continued and a further 165 dustbins were supplied at various properties, by the owners upon whom notices were served.

### Sanitary Inspection of the Area.

The following are the particulars supplied to the Medical Officer of Health by the Senior Sanitary Inspector with regard to the sanitary inspection of the area:-

(1)	No. of inspections made during the year	...	3,666
(2)	No. of Notices served:-		
	Statutory	- 22)	
	Informal	- 307)	329
(3)	Result of the service of such Notices -		
	Defects remedied	...	1,222

### Shops and Offices.

During the year 44 Shops were inspected and a further 41 occupiers of shops were interviewed to explain the provisions of the Shops Acts.



### Camping Sites.

Approximately 19 sites were used for camping purposes during the year. The number of camps in respect of which licences were issued by the local authority under Section 269 of the Public Health Act, 1936 was six; and the estimated number of campers resident in the area at one time during the summer season, 1939, was about 1,000.

### Smoke Abatement.

This is, fortunately, not a serious problem at Herne Bay for there are very few smoke producing commercial undertakings and smoke from chimneys of private dwelling-houses is quickly dispersed by winds which always seem abundant. Laundries are the chief commercial offenders and from time to time the occupiers are reminded of their legal obligation to conduct their businesses without production of smoke.

### Swimming Baths and Pools.

There are no swimming baths or pools in the Urban District. At the Council's Bathing Establishment care is taken to disinfect the costumes which are let on hire to bathers.

### Eradication of Bed Bugs.

During the year a total of 9 verminous houses were dealt with, including three Council houses. All these houses were disinfested by the application of "Cescones." Disinfestation work of this nature, carried out by the Council on behalf of private owners, is subject to a charge to cover the cost of labour and material.

### Schools.

The sanitary condition and water supply of the Schools in the District is, on the whole, satisfactory, and there has been no change since the 1938 report.

1. The first part of the paper  
describes the general principles  
of the method of moments  
and its application to the  
analysis of the data of the  
experiment.

2. The second part of the paper  
describes the results of the  
experiment and the comparison  
of the results with the  
theoretical predictions.

3. The third part of the paper  
describes the results of the  
experiment and the comparison  
of the results with the  
theoretical predictions.

4. The fourth part of the paper  
describes the results of the  
experiment and the comparison  
of the results with the  
theoretical predictions.

5. The fifth part of the paper  
describes the results of the  
experiment and the comparison  
of the results with the  
theoretical predictions.

6. The sixth part of the paper  
describes the results of the  
experiment and the comparison  
of the results with the  
theoretical predictions.



## SECTION D. - HOUSING.

The general standard of living is good. Since the outbreak of war a large number of houses have become vacant owing to people leaving the town, and housing work has been somewhat curtailed owing to the staff of the Public Health Department being pre-occupied with Civil Defence Duties.

One hundred and one dwelling-houses were inspected for housing defects under Public Health and Housing Acts. Sixty-two were rendered fit in consequence of informal action.

## SECTION E. - INSPECTION AND SUPERVISION OF FOOD.

### Milk.

During the year the Senior Sanitary Inspector and his staff made 89 inspections of cowsheds and dairies, and notices were served upon cowkeepers to secure improvement of cowsheds and dairies.

At two farms modern cowsheds were constructed to replace unsatisfactory buildings; and at two other Farms, improvements have been made. Another Farm abolished cesspool drainage and main drainage was provided at the cowshed and dairy.

Forty-seven samples of milk were submitted to the Kent County Council's Laboratory for bacteriological examination, and these were also examined for the presence of tubercle bacilli. Details of the samples submitted and results were as follows:-

Tuberculin Tested Milk ...	12	(2 Unsatisfactory)
Accredited Milk ...	12	
Undesignated Milk..	5	(5 Unsatisfactory)
Pasteurized Milk...	2	

Appropriate action followed in the case of the unsatisfactory reports.

### School Milk.

Thirteen samples of School Milk were taken by the School Inquiry Officer and submitted for bacteriological examination; of these two were unsatisfactory.





## Milk (Special Designations) Order, 1936.

Licences issued in pursuance of this Order, and which were in force during 1939, were as follows:-

Licences to bottle Tuberculin Tested milk	...	1
Licences to bottle Accredited milk	...	1
Dealer's licence to use the designation Tuberculin Tested	...	8
Dealer's licence to use the designation Pasteurized	...	1

There are five Accredited milk producers and two producers of Tuberculin Tested milk within the Urban District.

## Meat and Other Foods.

Five hundred and fifty-three Notices of slaughter were received from the six butchers who slaughter at the four licensed slaughter-houses within the Urban District. The 1,949 animals slaughtered were all inspected after slaughter, and many of them were also seen before slaughter.

Upon examination 2,832 pounds of meat were found to be diseased and were surrendered and disposed of for extraction of usable products and manufacture into fertilizers etc., or destroyed by burning at the local Gas Works.

## Bakehouses.

The 19 bakehouses in the District are regularly inspected as required by the Factories Act, 1937. It was necessary in certain instances to require cleansing and limewashing.

## Ice Cream.

During the summer season five samples of ice cream were submitted to the County Laboratory for bacteriological examination and only two of these were considered to be of a satisfactory bacterial standard.

The Food and Drugs Act, 1938, which came into operation on the 1st October, 1939, makes it compulsory for all premises used for the sale or manufacture for sale of ice cream, to be registered with the local authority, and 18 applications were received for registration.





It is now compulsory for manufacturers or dealers in ice cream to notify the Medical Officer of Health of the occurrence of any milk borne disease amongst persons working or living in or about premises where ice cream is manufactured, stored or sold. Power is given to the Medical Officer of Health to prohibit the use of ice cream for human consumption which is believed to be likely to cause milk borne disease.

### Fried Fish Premises.

Three fish fryers applied for registration. In future all such premises will be subject to the Food and Drugs Act, 1938.

## SECTION F.

### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

#### Supply of Serum.

Diphtheria Anti-toxin is provided by the Council free of charge and supplied to medical practitioners for the use of the poorer inhabitants of the district in accordance with the Diphtheria Anti-toxin (Outside London) Order, 1910. A supply is kept at the Queen Victoria Hospital.

#### Diphtheria Immunization.

Recommendations advising immunization of children against Diphtheria were made by the Medical Officer of Health in 1939, but were not adopted by the Urban District Council until 1940.

#### Verminous Persons.

There are no facilities for the cleansing of verminous persons in the District. Clothing, however, can be disinfected at the Disinfecting Station.



Notifiable Diseases during the Year 1939.

D I S E A S E.	Total Cases Notified.	Cases admitted to Hospital.	Total Deaths
Scarlet Fever	46	46	-
Diphtheria	2	2	-
Enteric Fever (including Paratyphoid)	-	-	-
Puerperal Pyrexia	1	-	-
Pneumonia	17	3	7
Erysipelas	5	1	-
Poliomyelitis	3	3	-
Chickenpox	3	-	-
Measles	1	-	-
T O T A L	78	55	7

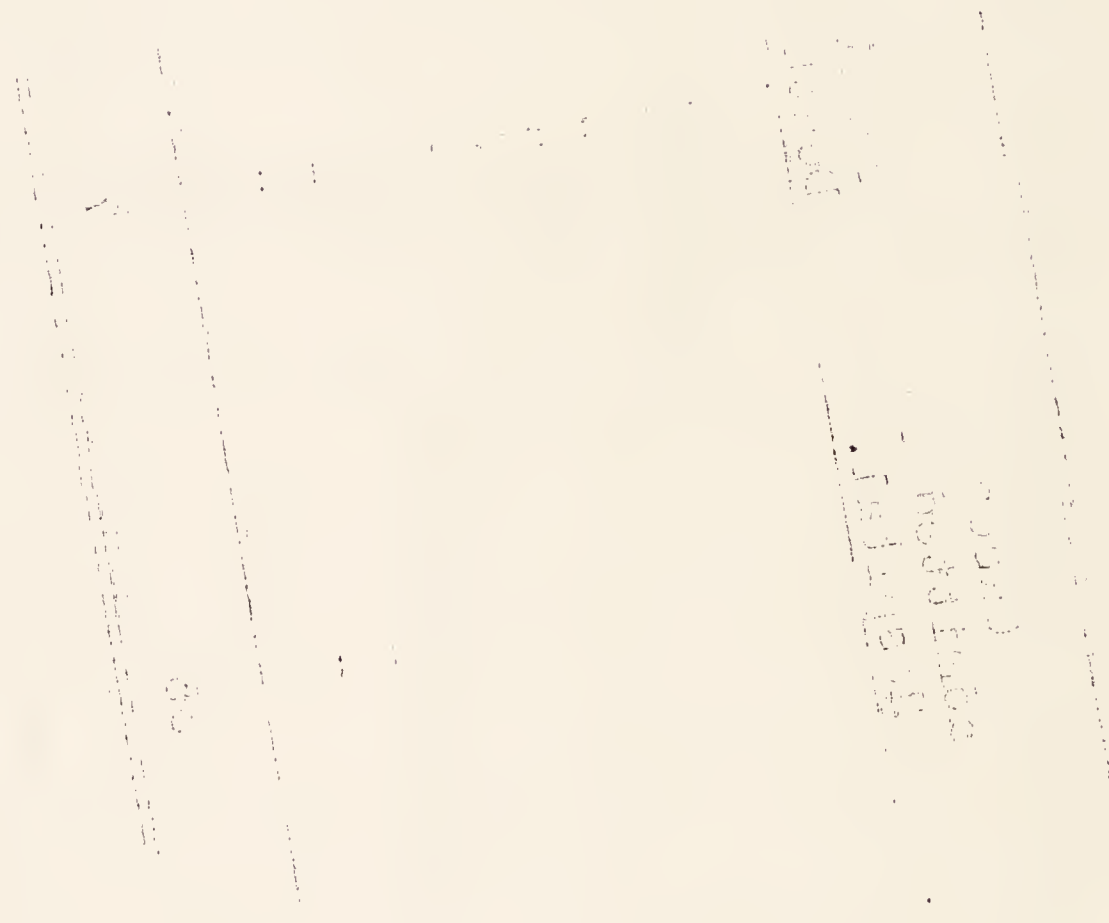
The total deaths given are not the net deaths.

"Return" Cases - 5 Scarlet Fever (3 in one family).

The above table refers to civilian cases only.



20



1. 100  
2. 100  
3. 100  
4. 100  
5. 100  
6. 100  
7. 100  
8. 100  
9. 100  
10. 100

200

100

100



Analysis of Total Notified Cases under Age Groups, 1939.

D I S E A S E.	Number of Cases Notified											
	Under One Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 and over
Scarlet Fever	-	1	3	-	4	12	15	2	5	2	2	-
Diphtheria	-	-	-	-	-	-	1	-	1	-	-	-
Enteric Fever (including Paratyphoid)	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	-	-	1	-	2	-	1	-	1	1	3	6
Pneumonia	3	-	-	-	-	-	2	1	1	1	2	-
Erysipelas	-	-	-	-	-	1	2	-	-	-	-	-
Polio myelitis	-	-	-	-	1	2	-	-	-	-	-	-
Chickenpox	-	-	-	1	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-
T O T A L	3	1	4	1	7	15	19	3	8	4	7	6



Cases of Tuberculosis Notified.

Age Periods		New Cases				Deaths			
		Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
		M	F	M	F	M	F	M	F
0	...	-	-	-	-	-	-	-	-
1	...	-	-	2	-	-	-	-	-
5	...	-	-	1	2	-	-	1	-
15	...	1	1	-	1	2	1	-	-
25	...	1	3	-	1	1	-	-	-
35	...	3	-	-	-	2	2	-	-
45	...	-	-	-	-	2	-	-	-
55	...	-	-	-	-	-	-	-	-
65 and upwards		-	1	-	-	-	1	-	-
Total	...	5	5	3	4	7	4	1	-

Included in the above totals are 3 cases (Pulmonary) which came to the knowledge of the Medical Officer through the Death Returns. The ratio of non-notified tuberculosis deaths to total tuberculosis deaths was 3 to 12.

Non-Notifiable Diseases.

During the early part of the year there was an outbreak of Measles at the Council Schools.

Disinfection.

During the year 83 batches of bedding were disinfected, including 27 batches for the Bridge-Blean Rural District Council, and 23 for St. Anne's L.C.C. Institution. In addition, 8 batches of infected bedding were destroyed by burning on application of the owners.

The number of houses disinfected during the year was 119.

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BROADSTAIRS AND ST. PETER'S URBAN DISTRICT.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (including inland water)	...	2,771 acres.
Population, 1939 (Registrar-General) -		
(a) resident population, mid-1939		13,130
(b) average population appropriate to the calculation of death rates	... ..	12,880
Number of inhabited houses (end of 1939) according to Rate Books	... ..	Not available.
Rateable Value (end of 1939)	... ..	£176,454
Sum represented by ld. Rate	... ..	£665

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	Total	M.	F.	Broadstairs and St. Peter's Urban District.	England & Wales.
Live Births -	133	72	61	Birth Rate per 1,000 resident population mid-1939.	10.12      15.00
Legitimate	126	67	59		
Illegitimate	7	5	2		
Stillbirths -	7	5	2	Rate per 1,000 total (live and still) births.	50.00      Not Avail- able.
Deaths -	162	78	84	Death Rate per 1,000 estimated average population.	12.57      12.10
				Adjusted Death Rate.	10.43



Broadstairs  
and St. Peter's England  
Urban District. & Wales.

Deaths from puerperal causes  
(Headings 29 and 30 of the  
Registrar-General's Short  
List):-

<u>Deaths</u>				
No.29. Puerperal Sepsis.	Nil	Rate per 1,000 total	Nil	0.74
No.30. Other Puerperal causes ...	Nil	(live & still)	Nil	2.08
Total ...	Nil	births.	Nil	2.82

Death Rate of Infants under one year  
of age:-

All infants per 1,000 live births...	44	50
Legitimate infants per 1,000 legitimate live births ...	46	
Illegitimate infants per 1,000 illegitimate live births ...	Nil	
Deaths from Cancer (all ages) ...	24	
Deaths from Measles (all ages) ...	Nil	
Deaths from Whooping Cough (all ages)	Nil	
Deaths from Diarrhoea (under 2 years of age) ...	1	





CAUSES OF DEATH IN BROADSTAIRS AND ST. PETER'S URBAN  
DISTRICT DURING 1939.

A L L C A U S E S.		Males	Females
		78	84
1.	Typhoid and Paratyphoid Fevers	-	-
2.	Measles ...	-	-
3.	Scarlet Fever ...	-	-
4.	Whooping Cough ...	-	-
5.	Diphtheria ...	-	-
6.	Influenza ...	2	5
7.	Encephalitis Lethargica	-	-
8.	Cerebrospinal Fever ...	-	-
9.	Respiratory Tuberculosis	5	4
10.	Other Tuberculosis ...	-	-
11.	Syphilis ...	1	-
12.	General Paralysis of the Insane, Tabes, etc. ...	-	-
13.	Cancer, Malignant Disease	12	12
14.	Diabetes ...	3	3
15.	Cerebral Haemorrhage...	2	3
16.	Heart Disease ...	23	23
17.	Aneurysm ...	-	-
18.	Other Circulatory Diseases	7	7
19.	Bronchitis ...	-	2
20.	Pneumonia (all forms)..	4	-
21.	Other Respiratory Diseases	-	2
22.	Peptic Ulcer ...	-	-
23.	Diarrhoea, etc. (under 2 years)	1	-
24.	Appendicitis ...	-	-
25.	Cirrhosis of Liver ...	-	1
26.	Other Diseases of Liver, etc.	-	1
27.	Other Digestive Diseases	2	1
28.	Nephritis ...	3	6
29.	Puerperal Sepsis ...	-	-
30.	Other Puerperal Causes.	-	-
31.	Congenital Causes, etc.	2	3
32.	Senility ...	1	4
33.	Suicide ...	1	-
34.	Other Violence ...	2	3
35.	Other Defined Causes...	6	2
36.	Ill-defined Causes ...	1	-
37.	Diarrhoea (2 years and over)	-	2
Special Causes (included in No.35 above):			
	Smallpox ...	-	-
	Poliomyelitis ...	-	-
	Polio-Encephalitis ...	-	-



SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Registration of Nursing Homes.  
(Sections 187 to 194 of the Public Health Act, 1936).

Return of the work of the Council during 1939				
	Number of Homes.	Number of patients provided for:		
		Maternity Patients	Others	Totals
Homes first registered during the year ...	1	Nil	6	6
Homes on the register at the end of the year..	9	4	136	140

Action during 1939.

Sixteen inspections were made by the Medical Officer of Health during the year.

No special arrangements are made for the discovery of unregistered Homes, apart from general enquiries instituted through the Health Department. No special difficulties have arisen during the year.

Meteorological Records.

The sunshine record for the year was 1698.4 hours and the rainfall 37.59 inches. The rainfall for 1939 was rather higher than usual, 12.4 inches falling in one week during October.

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## SECTION 7.

### SANITARY CIRCUMSTANCES OF THE AREA.

#### Water.

Reports upon samples of the public water supply taken by the Sanitary Inspector during the year showed the following results:-

Total number of samples submitted for bacteriological examination...	47
(The bacteriologist's report shows consistently low counts, absence of bacillus coli in 100 c.c's., and the description of "Good Water.")	

Total number of samples submitted for chemical analysis (all satisfactory) ...	... 12.
--	---------

During the year the water supply of the Urban District was connected up to the supplies of the adjoining Boroughs of Margate and Ramsgate for the purposes of dealing with fire outbreaks due to air raids.

#### Drainage and Sewerage.

Main drainage is provided for practically the whole of the District; a new sewer was laid in part of Dumpton Park Drive and eight houses were connected to the main drainage. A new sewer was also laid in Bay View Road.

#### Closet Accommodation.

There are approximately 4,780 separate premises in the Urban District containing the following types of sanitary conveniences:-

W.C's into drainage system ...	4,084
W.C's into cesspools ...	665
Pail Closets ...	4



## Public Cleansing.

During the year the Urban District Council purchased two new motor lorries and a revised scheme for the collection of house refuse was put into force.

## Sanitary Inspection of the Area.

The following are the particulars supplied to the Medical Officer of Health by the Sanitary Inspector with regard to the sanitary inspection of the area:-

(1)	No. of inspections made during the year ...	2,664
(2)	No. of Notices served:- Statutory - 1) Informal - 135) ...	136
(3)	Result of the service of such Notices - Defects remedied ...	170

## Shops and Offices.

The Sanitary Inspector made inspections during the year in connection with the general administration of the Shops Acts.

## Camping Sites.

Owing to the prohibition of camping at Elmwood Farm and the refusal of the Urban District Council to grant permission in certain cases, practically no camping took place in Broadstairs and St. Peter's during 1939. Informal action was taken in one case where tents had been erected without permission.

## Smoke Abatement.

There are very few factories in the District liable to cause smoke nuisances: no such nuisances have been observed and no complaints have been received.

## Swimming Baths and Pools.

There are seven swimming pools used in connection with Private Schools in the District, and one public swimming pool at the Grand Hotel. The water for these





pools is taken, by arrangement with the Water Engineer, from the town mains.

### Eradication of Bed Bugs.

Seventeen houses were found to be infested with bugs during the year, viz:- ten Council Houses and 7 private Houses. The rooms affected were thoroughly sprayed with liquid insecticide, with satisfactory results in each case.

### Schools.

The sanitary condition and water supply of the Schools in the District is, on the whole, satisfactory; owing to the military situation most of the Private Boarding Schools evacuated to other areas during the last quarter of the year.

## SECTION D. - HOUSING.

Three houses, represented and dealt with as a Clearance Area, were demolished during the first quarter of the year.

At a meeting of the Health and Housing Committee held on the 19th June, it was reported that six houses in Old Green Lane, erected to house tenants of eight caravans represented in two Clearance Areas in 1937, were completed on the 27th May and the gipsies had moved into them on the 12th June. In this way a condition of affairs, which had been a source of considerable anxiety to the Urban District Council over a long period, was terminated. It was only with the advent of recent legislation that it was possible to take the necessary steps to put an end to the very unsatisfactory conditions under which the gipsies were living.

During the year there was no shortage of houses and no cases of overcrowding reported. A large number of houses were vacated at the end of the year as a result of the war.

July 21, 1900

Dear Mr. [Name]

I have just received your letter of the 19th inst. regarding the [subject] and am glad to hear that you are interested in the [subject].

I have been thinking about the [subject] for some time and have been very much interested in the [subject]. I have been thinking about the [subject] for some time and have been very much interested in the [subject].

Very truly yours,

[Name]

Enclosure

[Name]

Very truly yours,

[Name]

[Name]

I have just received your letter of the 19th inst. regarding the [subject] and am glad to hear that you are interested in the [subject]. I have been thinking about the [subject] for some time and have been very much interested in the [subject].

I have been thinking about the [subject] for some time and have been very much interested in the [subject]. I have been thinking about the [subject] for some time and have been very much interested in the [subject].

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I have been thinking about the [subject] for some time and have been very much interested in the [subject]. I have been thinking about the [subject] for some time and have been very much interested in the [subject].

## SECTION E. - INSPECTION AND SUPERVISION OF FOOD.

### Milk.

During the year the Sanitary Inspector made 314 visits to cowsheds and dairies: six defects were found and remedied, and in one case a new sterilizing chest was installed.

Fifty-six samples of milk were submitted to the County Council's Laboratory for bacteriological examination: details of the samples submitted and results were as follows:-

Tuberculin Tested Milk ...	5	
Accredited Milk...	15	(3 Unsatisfactory)
Undesignated Milk.	24	(5 Unsatisfactory)
Pasteurized Milk..	12	

Appropriate action followed in the case of the unsatisfactory reports.

Thirteen samples of milk were examined for the presence of tubercle bacilli, 12 of these gave negative results and one positive.

### School Milk.

Sixteen samples of School Milk were taken and sent to the County Laboratory, by the School Inquiry Officer, for bacteriological examination: of these one sample was found to be unsatisfactory. Two samples of School Milk were examined for the presence of tubercle bacilli, with negative results in each case.

### Milk (Special Designations) Order, 1936.

Licences issued in pursuance of this Order, and which were in force during 1939, were as follows:-

Bottler's Licence to sell milk as Tuberculin Tested..	1
Dealer's Licence to sell milk as Tuberculin Tested...	4
Dealer's Licence to sell milk as Accredited ...	2
Pasteurizer's Licence to sell milk as Pasteurized ...	2
Supplementary Licence to sell milk as Pasteurized ...	2
Dealer's Licence to sell milk as Pasteurized ...	1

There are three Accredited milk producers within the Urban District.





### Meat and Other Foods.

There are five registered slaughter-houses in the Urban District, and 659 visits were made by the Sanitary Inspector to these premises during the year. Only good class animals are slaughtered and the meat is consequently of a high standard.

The total weight of food condemned and destroyed during the year was 13 cwts. 3 qrs.

### Bakehouses.

The Sanitary Inspector made 18 visits to the nine registered bakehouses in the District: one is an underground bakehouse.

### Ice Cream.

Four samples of ice cream were taken by the Sanitary Inspector and submitted to the County Laboratory for bacteriological examination, three of these were satisfactory and one unsatisfactory; a further check sample taken in the latter case, proved to be satisfactory.

### Fried Fish Premises.

There are two fish-frying premises in the District which are scheduled as "offensive trades." In future these premises will be subject to the Food and Drugs Act, 1938.

## SECTION F.- PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

### Supply of Serum.

Diphtheria Anti-toxin is provided by the Council free of charge and supplied to medical practitioners for the use of the poorer inhabitants of the District in accordance with the Diphtheria Anti-toxin (Outside London) Order, 1910. A supply is kept at the Sanitary Inspector's Office and also at the County Police Station.



Diphtheria Immunization.

A scheme for the immunization of children against Diphtheria was adopted towards the end of the year, but owing to the evacuation of the children no cases have yet been deal with.

Verminous Persons.

There are facilities at the Disinfecting Station for the cleansing of the belongings of verminous persons.

Notifiable Diseases during the Year 1939.

D I S E A S E	Total Cases Notified	Cases admitted to Hospital	Total Deaths
Scarlet Fever ...	21	19	-
Diphtheria ...	2	2	-
Enteric Fever (including Paratyphoid) ...	-	-	-
Puerperal Pyrexia ...	-	-	-
Pneumonia ...	19	-	4
Erysipelas ...	6	-	-
Cerebrospinal Meningitis	1	1	-
Chickenpox ...	110	-	-
Whooping Cough ...	6	-	-
T O T A L ...	165	22	4

The total deaths given are not the net deaths.

"Return" Cases - Nil.

The above table refers to civilian cases only.





# Analysis of Total Notified Cases under Age Groups, 1939.

D I S E A S E.	Number of Cases Notified.											
	Under One Year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 and over.
Scarlet Fever	-	-	1	-	2	8	4	-	2	3	-	1
Diphtheria	-	-	-	-	-	1	-	1	-	-	-	-
Enteric Fever (including Paratyphoid)	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	-	1	1	1	1	1	1	-	2	-	3	8
Erysipelas	-	1	-	-	-	-	-	-	-	-	-	-
Cerebrospinal Meningitis	-	1	-	-	-	-	-	-	-	-	-	-
Chickenpox	-	5	4	2	13	53	22	10	1	-	-	-
Whooping Cough	1	-	-	-	-	3	1	-	-	-	1	-
T O T A L	1	7	6	3	16	66	28	11	5	3	7	12



Cases of Tuberculosis Notified.

Age Periods		New Cases				Deaths			
		Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
		M	F	M	F	M	F	M	F
0	...	-	-	-	-	-	-	-	-
1	...	-	-	1	-	1	-	-	-
5	...	-	-	3	2	-	-	-	-
15	...	1	1	2	2	-	-	-	-
25	...	1	2	-	-	1	1	-	-
35	...	1	-	-	2	2	1	-	-
45	...	-	-	-	-	-	-	-	-
55	...	1	2	-	-	-	1	-	-
65 and upwards		-	-	-	-	1	1	-	-
Total	...	4	5	6	6	5	4	-	-

The nine deaths shown above were all notified cases.

Non-Notifiable Diseases.

During the first three-quarters of the year a few cases of Measles and Whooping Cough occurred in the Schools, before these diseases were made notifiable.

Disinfection.

The numbers of rooms fumigated and sprayed during the year were as follows:-

Fumigated	...	99
Sprayed	...	47
Verminous rooms sprayed		62.

One hundred parcels of bedding were disinfected at the Council's Disinfecting Station.

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BRIDGE-BLEAN RURAL DISTRICT.SECTION A.STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (including inland water)	...	55,868 acres.
Population, 1939 (Registrar-General) -		
(a) resident population, mid-1939.		15,950
(b) average population appropriate to the calculation of death rates	... ..	16,910
Number of inhabited houses (end of 1939) according to Rate Books...		5,190
Rateable Value	... ..	£97,315
Sum represented by ld. Rate	...	£384:13:11d.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	Total	M.	F.		Bridge-Blean Rural District.	England & Wales.
Live Births -	263	127	136	Birth Rate per 1,000	16.48	15.00
Legitimate	253	120	133	resident population		
Illegitimate	10	7	3	mid-1939.		
Stillbirths -	9	4	5	Rate per 1000 total (live and still) births.	33.08	Not Avail- able.
Deaths -	227	127	100	Death Rate per 1,000 estimated average population.	13.42	12.10
				Adjusted Death Rate.	10.73	

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Bridge-Blean      England  
Rural District.    & Wales.

Deaths from puerperal causes  
 (Headings 29 and 30 of the  
 Registrar-General's Short  
 List):-

<u>Deaths</u>					
No.29. Puerperal Sepsis.	Nil	Rate per	Nil		0.74
		1,000			
No.30. Other Puerperal		total			
causes ...	1	(live &	3.61		2.08
		still)			
Total ...	1	births.	3.61		2.82

Death Rate of Infants under one year  
 of age:-

All infants per 1,000 live births...      63      50

Legitimate infants per 1,000  
 legitimate live births ...      65

Illegitimate infants per 1,000  
 illegitimate live births ...      Nil

Deaths from Cancer (all ages) ...      33

Deaths from Measles (all ages) ...      Nil

Deaths from Whooping Cough (all ages)      Nil

Deaths from Diarrhoea (under 2 years  
 of age) ...      Nil





CAUSES OF DEATH IN BRIDGE-BLEAN RURAL DISTRICT  
DURING 1939.

A L L C A U S E S.		Males	Females
		127	100
1.	Typhoid and Paratyphoid Fevers	-	-
2.	Measles ...	-	-
3.	Scarlet Fever ...	-	-
4.	Whooping Cough ...	-	-
5.	Diphtheria ...	-	-
6.	Influenza ...	3	4
7.	Encephalitis Lethargica	-	-
8.	Cerebrospinal Fever ...	-	-
9.	Respiratory Tuberculosis	4	2
10.	Other Tuberculosis ...	4	1
11.	Syphilis ...	-	-
12.	General Paralysis of the Insane, Tabes, etc. ...	1	-
13.	Cancer, Malignant Disease	18	15
14.	Diabetes ...	2	3
15.	Cerebral Haemorrhage...	3	11
16.	Heart Disease ...	47	25
17.	Aneurysm ...	-	-
18.	Other Circulatory Diseases	6	4
19.	Bronchitis ...	2	5
20.	Pneumonia (all forms)..	3	3
21.	Other Respiratory Diseases	-	-
22.	Peptic Ulcer ...	1	3
23.	Diarrhoea, etc. (under 2 years)	-	-
24.	Appendicitis ...	1	-
25.	Cirrhosis of Liver ...	1	-
26.	Other Diseases of Liver, etc.	-	-
27.	Other Digestive Diseases	-	2
28.	Nephritis ...	2	1
29.	Puerperal Sepsis ...	-	-
30.	Other Puerperal Causes.	-	1
31.	Congenital Causes, etc.	6	5
32.	Senility ...	3	7
33.	Suicide ...	-	-
34.	Other Violence ...	6	1
35.	Other Defined Causes...	14	5
36.	Ill-defined Causes ...	-	-
37.	Diarrhoea (2 years and over)	-	2
Special Causes (included in No.35 above):			
	Smallpox ...	-	-
	Poliomyelitis ...	1	-
	Polio-Encephalitis ...	-	-

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## SECTION B.

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

#### Hop-Pickers' Encampments.

Visits were paid to the encampments by the Medical Officer of Health, the Senior Sanitary Inspector and Sanitary Inspector before occupation, and certain improvements were carried out.

On the instructions of the Regional Commissioner all Farmers were notified that their hop-pickers should bring their gas-masks with them.

#### Chartham Mental Hospital.

This Institution has accommodation for 1,501 patients, 732 males and 769 females. There is a resident staff, Medical, Nursing and Domestic, of 143, and a non-resident staff of 167.

#### Ministry of Health Inquiries.

A Public Inquiry was held in the Rural District by J. S. Todd Esq., A.M.I.C.E., an Inspector of the Ministry of Health, on the 31st January, into the subject matter of a Clearance Order made by the Rural District Council under the Housing Act, 1936, and dated the 30th day of November, 1938. The Inspector closed the Inquiry after hearing the evidence and then proceeded to inspect the site at Wickhambreux. At the Public Health Committee meeting held on the 8th March it was reported that the Minister of Health had confirmed the Clearance Order.

A Public Inquiry was held in the Rural District on the 4th May, by J. Gardner Esq., M.Inst. C.E., an Inspector of the Ministry of Health, into an application of the Rural District Council for consent to borrow £16,650 for purposes of (1) Sewerage and Sewage Disposal and (2) Refuse Dump, in the Contributory Places of Sturry and Westbere. The scheme was later postponed for the duration of the war.

Alfred

1891

20-11-1891

Dear Mr. Alfred

Dear Mr. Alfred

I have just received your letter of the 10th inst. and am glad to hear that you are well.

Yours

10-11-1891

10-11-1891

10-11-1891



SECTION C.SANITARY CIRCUMSTANCES OF THE AREA.Water.

The following table shows the source of water supply in each Parish in the District:-

Name of Parish.	Source of Supply.
Adisham... ..	Margate Corporation.
Barham ... ..	Mid-Kent Water Company.
Bekesbourne ... ..	Margate Corporation.
Bishopsbourne ... ..	" "
Bridge ... ..	" "
Chartham.. ... ..	Canterbury Gas and Water Company and Local Wells.
Chislet... ..	Canterbury Gas and Water Company and Local Wells.
Fordwich.. ... ..	Roman Well.
Hackington ... ..	Canterbury Gas and Water Company.
Harbledown ... ..	" " "
Ickham and Well ... ..	Margate Corporation.
Kingston.. ... ..	Mid-Kent Water Company.
Littlebourne ... ..	Margate Corporation.
Lower Hardres ... ..	Canterbury Gas and Water Company.
Patricxbourne ... ..	Margate Corporation.
Petham ... ..	Mid-Kent Water Company.
St. Cosmus and St. Damian in the Blean... ..	Canterbury Gas and Water Company.
Sturry ... ..	" " "
Thanington Without..	Canterbury Gas and Water Company and Rainwater Tanks.
Upper Hardres ... ..	Mid-Kent Water Company.
Waltham... ..	" " "
Westbere.. ... ..	Canterbury Gas and Water Company.
Wickhambreux ... ..	Margate Corporation.
Womenswold ... ..	" "



Monthly and quarterly samples taken from the three public water supplies and sent to the County Laboratory for bacteriological examination, show that these supplies are good waters and quite satisfactory.

### Fordwich Water Supply.

Several samples were taken from a spring, which is called "the Roman Well," during the year, and owing to the unsatisfactory bacteriological report it was recommended that the Canterbury Gas and Water Company should be approached for an estimate of the cost of laying a main water supply to the village. An estimate of £639 was obtained, but in view of the present emergency, it was decided to recommend that the Kent County Council be asked whether they would raise any objection to a temporary supply being made available by means of a 2" service pipe from the existing main in Fordwich Road: the matter is still under consideration.

### Drainage and Sewerage.

There are two sewerage schemes in operation, one for the Parish of Harbledown and one for the village of Hersden, situated in the Parish of Westbere. In the remainder of the District sewage is disposed of by means of privies, pail closets and W.C's draining to cesspools.

An application by the Rural District Council to borrow £16,650 for the purposes of sewerage and sewage disposal, and a refuse dump, in the contributory places of Sturry and Westbere, was the subject of a Ministry of Health Inquiry on the 4th May. The scheme was later postponed for the duration of the war.

### Closet Accommodation.

The approximate numbers of each type of sanitary convenience in the Rural District are:-

W.C's into drainage system	...	687
W.C's into cesspools	...	1,566
Pail Closets	...	2,010
Privies	...	50

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## Public Cleansing.

The Council undertakes the emptying of cesspools and the removal of the contents of pails, an efficient system of mechanical vehicles being employed.

Two extra vehicles were purchased during the year, one 750 gallon cesspool emptier and one 500 gallon pail collecting lorry, to help cope with the work caused by extensions to the scavenging scheme by the addition of the Parishes of Patricxbourne and Bekesbourne ( a complete service), and the Parish of Adisham for pails and ashes.

## Sanitary Inspection of the Area.

The following are the particulars supplied to the Medical Officer of Health by the Senior Sanitary Inspector with regard to the sanitary inspection of the area:-

(1)	No. of inspections made during the year ...	6,225
(2)	No. of Notices served:- Statutory - 53)	
	Informal - 31)...	84
(3)	Result of the Service of such Notices -	
	Defects remedied ...	62

## Shops and Offices.

No action was taken by the Senior Sanitary Inspector during the year in connection with the general administration of the Shops Act.

## Camping Sites.

There are three camping sites in the Rural District, one at Barham, attached to the Camping Club of Great Britain and Ireland; one at Hoath and one at Petham. A licence was issued by the local authority in respect of the two latter, under Section 269 of the Public Health Act, 1936. The approximate number of campers resident in the area at one time during the summer season of 1939 was 150.

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### Swimming Baths and Pools.

There are two swimming pools in connection with private schools in the District: samples of the water are taken from time to time and sent to the County Laboratory for bacteriological examination.

### Eradication of Bed Bugs.

The methods employed for freeing infested houses from bed bugs is by means of spraying with "Zaldecide" when necessary.

### Schools.

As far as is known, there were in the Rural District four Boarding Schools, with accommodation for some 250 pupils; three of the Schools also had accommodation for about 200 day scholars. At the end of the year these Schools had been evacuated to other Districts.

There are 21 Elementary Schools (11 Church of England and 10 Council), and a Central School at Sturry.

## SECTION D. - HOUSING.

In the first quarter of the year four cottages represented as unfit for human habitation in March, 1938, were repaired and rendered fit. Another cottage was demolished, after being represented as unfit.

The Minister of Health confirmed the Clearance Order made in respect of three cottages at Wickhambreux.

In the second quarter of the year four cottages represented as unfit in July, 1937, were re-conditioned; and five cottages were demolished.

## SECTION E. - INSPECTION AND SUPERVISION OF FOOD.

### Milk.

During the year the Sanitary Inspectors made 370 visits to cowsheds and dairies: forty-one defects were found and remedied.



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SECTION D. - HOUSE

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SECTION E. - THE ...

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One hundred and thirty-seven samples of milk were submitted to the County Council's Laboratory for bacteriological examination: details of the samples submitted, and results were as follows:-

Tuberculin Tested Milk ...	21 ( 3 Unsatisfactory)
Accredited Milk ...	... 113 (27 Unsatisfactory)
Ordinary Milk ...	... 3

Appropriate action followed in the case of the unsatisfactory samples.

Four samples of milk were examined for the presence of tubercle bacilli, all proving negative.

### School Milk.

Fifty samples of School Milk were taken by the School Inquiry Officer and sent to the County Laboratory for bacteriological examination; of these, five samples were found to be unsatisfactory.

Ten of the samples were also examined for the presence of tubercle bacilli and all gave negative results.

### Routine Examinations.

In accordance with instructions from the County Council, the collection of routine milk samples was suspended as from 9th January on account of outbreaks of Foot and Mouth Disease, but these were re-commenced early in March.

### Milk (Special Designations) Order, 1936.

Licences issued in pursuance of this Order, and which were in force during 1939, were as follows:-

Licences to produce Accredited Milk ...	39
Licences to produce Tuberculin Tested Milk ...	3
Supplementary Licence to retail Tuberculin Tested Milk ...	1
Supplementary Licence to retail Pasteurized Milk	2



### Meat and Other Foods.

There are 13 slaughter-houses in the Rural District, of which five of the occupiers are licensed annually. The premises are inspected regularly. During the year five defects were remedied.

The amount of food condemned during the year was 2 tons 1 cwt. 2 qrs. 1 lb.

### Bakehouses.

There are 20 bakehouses in the Rural District: these are visited from time to time.

## SECTION F.

### PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

#### Supply of Serum.

Diphtheria Anti-toxin is provided by the Council free of charge and supplied to Medical Practitioners for the use of the poorer inhabitants of the district, in accordance with the Diphtheria Anti-toxin (Outside London) Order, 1910. A supply is kept by the Senior Sanitary Inspector at his Office.

#### Diphtheria Immunization.

Towards the end of the year the Medical Officer of Health recommended that a scheme for the immunization of children against Diphtheria be adopted, and this was done by the Rural District Council early in 1940.

#### Verminous Persons.

There are no facilities in this district for the cleansing and disinfection of verminous persons and their belongings.





Notifiable Diseases during the Year 1939.

D I S E A S E.	Total Cases Notified.	Cases admitted to Hospital.	Total Deaths.
Scarlet Fever           ...	27	25	-
Diphtheria           ...	4	4	-
Enteric Fever (including Paratyphoid)	1	1	-
Puerperal Pyrexia   ...	4	1	-
Pneumonia           ...	31	18	12
Erysipelas           ...	1	-	-
Poliomylitis          ...	1	1	1
Polio-Encephalitis   ...	1	1	-
Ophthalmia Neonatorum..	1	1	-
Dysentery           ...	5	2	-
Whooping Cough      ...	3	-	-
T O T A L           ...	79	54	13

The total deaths given are not the net deaths.

"Return" Cases - Nil.

The above table refers to civilian cases only.



# Analysis of Total Notified Cases under Age Groups, 1939.

D I S E A S E.	Number of Cases Notified										65 and over	
	Under One Year.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45		45-65
Scarlet Fever . . . .	-	-	2	-	2	9	7	-	5	1	1	-
Diphtheria . . .	-	-	-	-	-	3	1	-	-	-	-	-
Enteric Fever (including Paratyphoid) . . .	-	-	-	-	-	-	-	-	-	-	1	-
Puerperal Pyrexia . . .	-	-	-	-	-	-	-	-	4	-	-	-
Pneumonia . . .	-	-	-	-	-	-	-	3	5	5	10	8
Erysipelas . . .	-	-	-	1	-	-	-	-	-	-	-	-
Poliomyelitis . . .	-	-	-	-	-	1	-	-	-	-	-	-
Polio-Encephalitis . . .	-	-	-	-	-	-	-	1	-	-	-	-
Ophthalmia Neonatorum	1	-	-	-	-	-	-	-	-	1	-	-
Dysentery . . .	-	1	1	-	-	1	-	-	-	-	-	-
Whooping Cough . . .	1	-	-	-	-	1	1	-	-	-	-	-
T O T A L . . .	2	1	3	1	2	15	9	4	15	7	12	8





Cases of Tuberculosis Notified.

Age Periods		New Cases				Deaths			
		Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
		M	F	M	F	M	F	M	F
0	...	-	-	-	-	-	-	-	-
1	...	-	-	-	-	-	-	1	-
5	...	-	1	4	1	-	-	-	-
15	...	1	3	-	-	2	-	1	-
25	...	1	3	-	1	1	1	1	1
35	...	2	-	-	-	-	-	-	-
45	...	1	1	-	-	-	1	-	-
55	...	-	-	-	-	-	-	-	-
65 and upwards		-	-	-	-	1	-	1	-
Total	...	5	8	4	2	4	2	4	1

Included in the above totals are 3 cases (2 Pulmonary and 1 Non-Pulmonary) which came to the knowledge of the Medical Officer through the Death Returns. The ratio of non-notified tuberculosis deaths to total tuberculosis deaths was 3 to 11.

Non-Notifiable Diseases.

An outbreak of Chickenpox occurred in some of the Schools in the Rural District during the first half of the year.

Disinfection.

The Rural District Council does not possess a steam disinfecter, but all clothing is sent to the Herne Bay Urban District for disinfection, and during the year 27 batches of clothing were dealt with in this manner.

The number of houses disinfected during the year was 88.

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HERNE BAY RIPARIAN SANITARY AUTHORITY.

Circular 1937 of the 11th January, 1940, was received.

The only ships which entered the port during the year were the passenger steamers belonging to the Eagle and Queen Line Pleasure Steamers, which called at the Pier during the Summer and landed and embarked passengers proceeding to and from Chatham, Southend and Margate. The steamers referred to are pleasure boats. The number of passengers landed was 16,516. (This total represents the number of tolls paid at 1d. per passenger).

Shellfish.

Mussel beds exist on the foreshore chiefly in the vicinity of the Pier and at Hampton. Formerly there were mussel beds at Bishopstone and Reculver, but these have now ceased to exist. The Sanitary Inspector states as follows:-

"I believe that mussels are picked by persons for their own use, but I do not think that they are marketed."

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I N D E X.

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